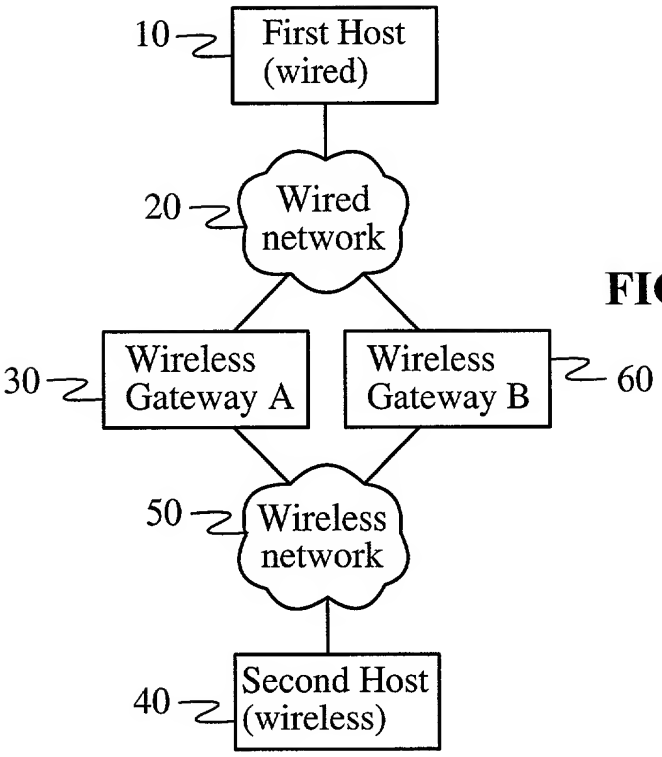

10
First Host (wired)
20
Wired network
30
Wireless Gateway A
Wireless Gateway B
60
50
Wireless network
40
Second Host (wireless)

FIG. 1

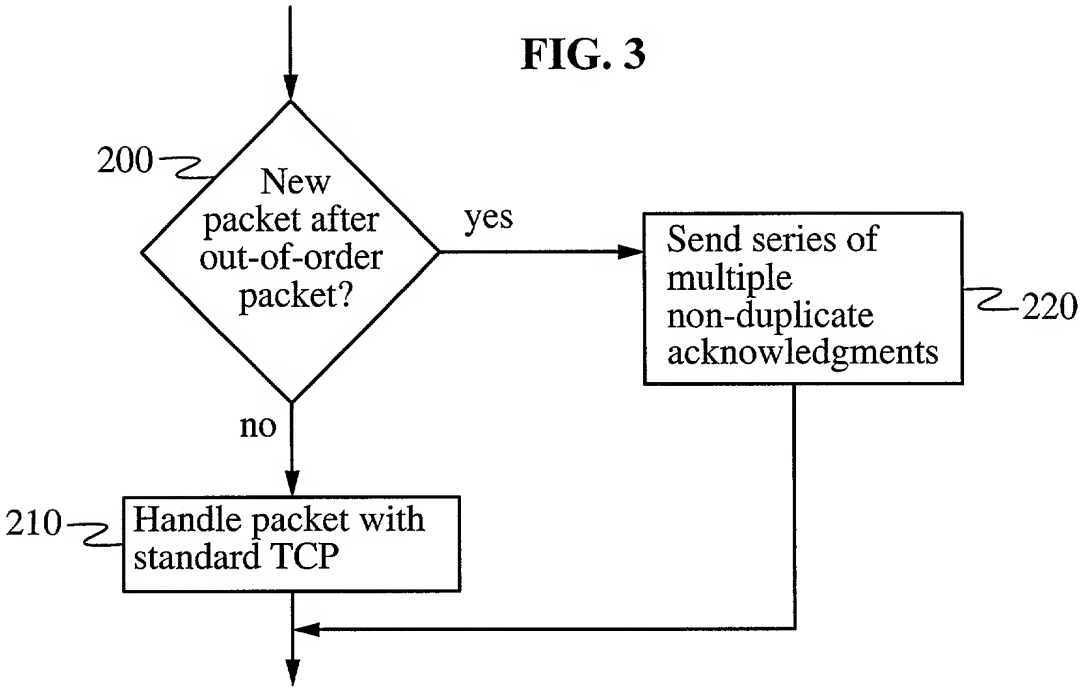
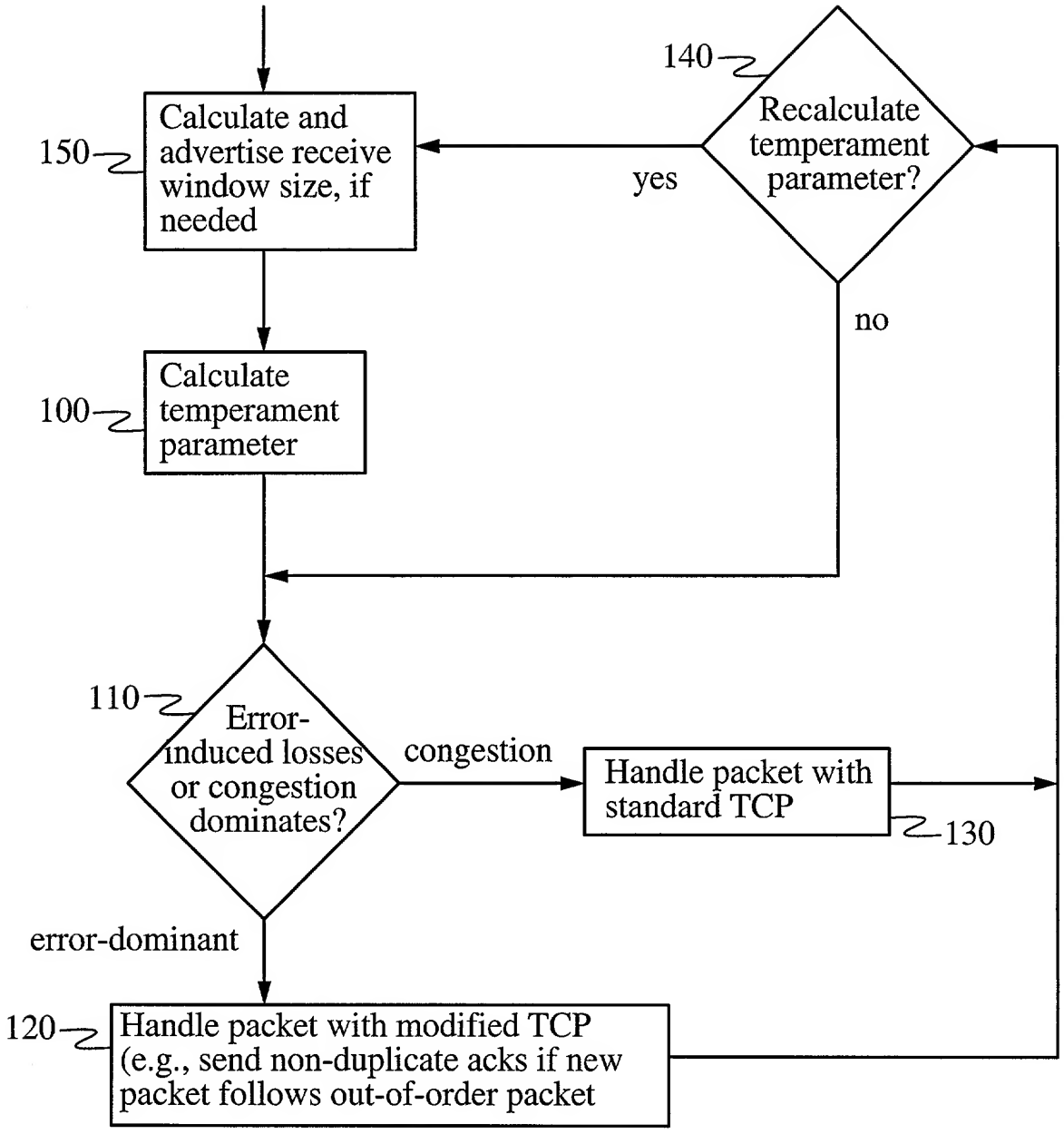

200
New packet after out-of-order packet?
yes
Send series of multiple non-duplicate acknowledgments
220
no
210
Handle packet with standard TCP

FIG. 3

FIG. 2


140
Recalculate temperament parameter?
yes
no
150
Calculate and advertise receive window size, if needed
100
Calculate temperament parameter
110
Error-induced losses or congestion dominates?
congestion
Handle packet with standard TCP
130
error-dominant
120
Handle packet with modified TCP (e.g., send non-duplicate acks if new packet follows out-of-order packet